

IN THE SPECIFICATION

Following is a marked-up version of each amended paragraph of the subject patent application. The Examiner is requested to delete the indicated paragraph and replace it with the amended paragraph.

Replace paragraph [0025] with the following.

[0025] Figure 1 is a fluid circuit schematic for a fluid exchange machine 10 constructed according to the teachings of the present invention. The process of the present invention begins by inserting the fluid exchange machine 10 in series with the transmission fluid cooling path. As described above, the transmission system includes a fluid line to a heat exchanger, such as the vehicle radiator, where the fluid is cooled by heat transfer to the cooler cooling fluid, then returned to the transmission system via a cooling return line. Thus the two connections between the fluid lines and the radiator (one connection serving as a fluid input to the radiator and the other serving as a fluid output or return line from the radiator) present easily accessible junctions for connecting the fluid exchange machine 10 into the transmission system. Typically, the radiator output (cooler) connection is accessible near an upper end of the radiator and is thus an easier connection junction for use with the machine 10. To effect the connection, the return line carrying fluid from the radiator (or more generally, the heat exchanger) to the transmission is disconnected from the radiator. A mating adapter 12 connected to a fluid line 13 is attached to the radiator (not shown) or to the fluid return line (not shown). A mating adapter 14 connected to a fluid line 15 is attached to the other connection. The machine 10 is now serially connected into the transmission fluid cooling path.